

5.0 ROOM REQUIREMENTS

MSAU HQ-BEQ

Room Names: OPS Office 138, Chief 142, DOS 146

Space Characteristics

Function: Provides duty staff with a room to support a 24-hour operation.

Adjacencies: Locate near or within the command suite and squad suite.

Special Dimensions:

Plan Dimensions or approximate area: as indicated

Minimum Ceiling Height: 9'-0" minimum ceiling height.

Acoustics: Walls: STC 50 (walls to adjacent rooms and spaces), Doors: STC 45. Floor/Ceiling assemblies shall have an Impact Isolation Class (IIC) of 50 (IIC 45 if field tested).

Access: Accessed directly from open office in the command suite.

Number of Occupants: One

Other/Special Requirements: Provide cable TV, camera network, "panic button" throughout the command suite. Construction to meet Intelligence Community Standard (ICS) Number 705-1, though formal accreditation is not required.

Uniformat Section	Description	Qty	Size	Specific Requirements
B2010	Exterior Walls			Wall construction shall consist of Load bearing CMU backup wall, brick veneer, cast stone trim and a wall cavity space containing the insulation, air, water and vapor barrier.
B202001	Exterior Windows	As Indicated	As Required	ATFP compliant. Prefinished aluminum, thermal broken frames. Window shall be fixed operable double hung windows. Provide solid surface stools (sills). Window not required in Room 146.
B202004	Exterior Glazing			Low-e, insulated, laminated glazing meeting ATFP requirements. Glazing shall be tinted matching base standards. Laminated glazing shall be a nominal 0.25" thick minimum. Insulating shall be argon filled.
C101001	Fixed Partitions			Concrete Masonry Units (CMU)
C102001	Interior Doors	As Indicated	3X7	Provide solid core wood flush wood door in a factory stained finish and hollow metal frames (field painted).
C102007	Interior Door Hardware			Provide door gasketing, protection plates, stops, cores and cylinders as required, simplex lock and lock trim.
C103004	Identifying Devices			Wall mounted, architectural signage, include room number and name of function. Provide signage with changeable inserts.

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Uniformat Section	Description	Qty	Size	Specific Requirements
C103012	Firestopping Penetrations	As required		Penetration ratings shall match wall ratings.
C301002	Acrylic Plaster Coating			High Performance (impact resistant) seamless 10 mil minimum interior acrylic coating system shall be used as an interior wall finish over CMU.
C301003	Gypsum Wall Board			Provide gypsum board walls to meet Intelligence Community Standard (ICS) Number 705-1
C302005	Carpet Tile			Carpet Tile
C302007	Wall Base Finish		4" H	Rubber
C303001	Acoustical Tile and Grid		24" x 24"	Suspended Acoustical Ceiling Panels with a reveal edge and standard prefinished grid system.
C304001	Interior Coatings and Finishes			High Performance Latex Paint
D304001	Air Distribution, Heating and Cooling			Provide ventilation complying with latest ASHRAE 62.1 requirements. Provide continuous ventilation equal to exhaust, ventilation air is to be fully conditioned and at neutral conditions of 70 degrees F and maximum 50% RH.
D304007	Exhaust Systems			Provide continuous exhaust
D305003	Fan Coil Units			Provide horizontal 4-pipe fan coil unit with secondary drain pan
D306001	HVAC Controls			Provide DDC capable digital wall mounted thermostat. Thermostat will provide fan coil units with BACNET connectivity.
D4010	Fire Alarm and Detection Systems			Provide visible and audible notification appliance coverage in accordance with UFC 3-600-01 and UFC 4-021-01.
D4040	Sprinkler Systems			Provide wet-pipe sprinkler coverage in accordance with UFC 3-600-01.
D502001	Branch Circuit Wiring			Provide general purpose duplex receptacles for every 10' of wall space. Provide one quad receptacle on a dedicated circuit for each desk; provide desks with SIPRNet or DOS network outlets with (2) quad receptacles per desk, coordinate locations with D5030 outlets below. Provide receptacle for TV.
D502002	Lighting Equipment			Target Illuminance = 50fc Fixture Type: Recessed volumetric LED Control: Vacancy Sensor + Switch + Dimming

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Uniformat Section	Description	Qty	Size	Specific Requirements
D503001	Telecommunications Systems			1 – Combination voice and NMCI data outlets 1 - OpenNet outlets adjacent to each voice/NMCI outlet 1 – SIPRNet outlet 1 - IPTV outlet wall mounted behind TV
D503004	Television Systems			1 - CATV outlet wall mounted behind TV
D503005	Security Systems			Provide pathway, cabling/wiring to DOS/MSAU Comm 107 Closet for MCESG official A/V Training.
E201002	Window Treatments			Aluminum horizontal blinds (not required for room 146)
E2020	Movable Furnishings			1 – Waste Receptacle 1 – Recycling Bin 1 – Task Chair 1 – File cabinets, lateral 1 – Freestanding Casework , 6' x 6' min. L-shape with overheads on return, (1) File/File drawer and (1) Box/Box/ File drawer